

TEXAS DEPARTMENT OF INSURANCE

Engineering Services Program / MC 103-3A, 333 Guadalupe Street, P.O. Box 149104, Austin, Texas 78714-9104
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PRODUCT EVALUATION

WIN-1548

Effective March 1, 2012
Reevaluation Date: **March 2014**

*The following product has been evaluated for compliance with the wind loads specified in the **International Residential Code (IRC)** and the **International Building Code (IBC)**.*

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.

Series V-600 / V-630 Vinyl Fixed and Operable Casement Windows, Single and Field Mulled, Non-impact Rated, manufactured by

WinDoor Incorporated
7500 Amsterdam Drive
Orlando, Florida 32832
Telephone: (407) 481-8400
www.windoorinc.com

General Description:

System	Description	Label Rating	Design Pressure Rating (psf)
1	Series V-630 Vinyl Fixed Casement Window; O	F-HC80 72x78	+80/-90
2	Series V-630 Vinyl Fixed Casement Windows; OOO	F-HC80 221x78	+80/-90
3	Series V-600 Vinyl Operable Casement Windows; XXX	Individual :C-C80 37 x 78 Assembly: AAMA 450 117 x 78	+80/-120

Product Dimensions:

System	Overall Size	Daylight Opening Size
1	72" x 78"	One: 65 $\frac{5}{8}$ " x 71 $\frac{3}{4}$ "
2	221 $\frac{1}{2}$ " x 78"	Three: 65 $\frac{5}{8}$ " x 71 $\frac{3}{4}$ "
3	116 $\frac{1}{2}$ " x 78"	Three: 30 $\frac{5}{8}$ " x 71 $\frac{5}{8}$ "

Product Identification:

Systems 1 and 2: A certification program label (Keystone Certification Program) will be affixed to the window. The certification program label includes the product name; performance characteristics; and approved inspection agency (Keystone) to indicate compliance with the requirements of AAMA/WDMA/CSA 101/I.S.2/A440-05.

Label Identification:

System	Model	Certification Authorization Report (CAR) number
1	V-630 PVC Fixed	167-448
2	V-630 PVC Triple Fixed Mulled Assy O/O/O (Non-Impact)	167-446

System 3: Certification program labels (Keystone) will be affixed to the assembly. The certification program labels include the manufacturer's CAR number; product name; performance characteristics; and the approved inspection agency (Keystone). Each window in the assembly will bear a label that includes the following applicable standard: AAMA/WDMA/CSA 101/I.S.2/A440-05. The entire assembly will bear one label that includes the following applicable standard: AAMA 450-06.

Each certification label contains a Certification Authorization Report (CAR) number located on the top right side of the label and a model name for the window. The following CAR numbers and model names are located on each label:

Label Identification:

System	Model	Certification Authorization Report (CAR) number	
		Label with AAMA/WDMA/CSA 101/I.S.2/A440-05	Label with AAMA 450-06
3	V-600 PVC Casement Window	167-435	N/A
	V-600 PVC Triple Casement Mulled Assembly X/X/X	N/A	167-426

Impact Resistance:

Impact Resistant	Requirement
No	Impact protective system required when product is installed in areas where windborne debris protection is required

INSTALLATION INSTRUCTIONS

Design Drawing: The windows shall be installed in accordance with Drawing No. 08-01133, titled "Series V-600/V-630 PVC Single and Field Mulled Casement Window – Non-Impact" sheets 1 through 11 of 11, dated November 9, 2010, signed and sealed by Luis R. Lomas., P.E on January 30, 2012. The stated drawings will be referred to as the approved drawings in this evaluation report.

Wall Framing Construction: The windows may be mounted to several types of wall framing construction. The types of wall framing construction allowed include:

- Concrete (minimum compressive strength: 2,000 psi)
- Hollow concrete block (ASTM C-90, Grade N, Type 1 (or greater))
- Wood dimension lumber (minimum Spruce-Pine-Fir)
- Wood backed (minimum Spruce-Pine-Fir) minimum 20 gauge steel, 0.036" minimum.

Installation:

- Refer to Sheets 1 of 11 thru 3 of 11 of the approved drawings for the anchor layout and notes.
- Refer to Sheets 6 of 11 thru 9 of 11 of the approved drawings for installation details.
- The approved drawings indicate the minimum embedment depths for the fasteners and the minimum edge distances (minimum distance fastener must be from the edge of the substrate material) for the fasteners.

Note: The manufacturer's installation instructions shall be available on the job site during installation. All fasteners shall be corrosion resistant as specified in the International Residential Code (IRC), the International Building Code (IBC), and the Texas Revisions.